## Index of Claims

| Application No. | Applicant(s)   |  |
|-----------------|----------------|--|
| 10/739,435      | SACHDEV ET AL. |  |
| Examiner        | Art Unit       |  |
| HYDER ALI       | 3747           |  |

| <b>√</b> | Rejected | - | (Th |
|----------|----------|---|-----|
| =        | Allowed  | ÷ |     |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| - | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla             | aim      | Date     |  |          |            |            | Claim Date                                       |                 |                 |          |  |          |          |                 | Cli             | aim      | Date    |              |          |                      |            |          |          |            |                |                 |              |          |          |              |          |              |                 |
|-----------------|----------|----------|--|----------|------------|------------|--|-----------------|-----------------|----------|--|----------|----------|-----------------|-----------------|----------|---------|--------------|----------|----------------------|------------|----------|----------|------------|----------------|-----------------|--------------|----------|----------|--------------|----------|--------------|-----------------|
| _               | 酉        | B        | 5/27/05  |          |            |            |  |                 | 1               |          |  | _        | <u>a</u> |                 | Ш               | 1        | 1       | 1            |          |                      |            |          |          | a          |                |                 |              |          |          | Π            |          | Г            |                 |
| Final           | Orfginal | 11/24/04 | 29   | 1        |            | ı          | 1  | 1               |                 |          |  | Final    | Original | l               | IJ              | 1        |         | 1            |          |                      |            | 21       | Final    | Original   |                | l               | ı            | ĺ        | ļ        |              |          |              |                 |
| "               | ŏ        | =        | IV.  | 1        |            | 1          | 1  |                 |                 |          |  | ш.       | δ        |                 | l               |          | -       |              |          |                      | 2          | 2        | Œ        | ē          | l              | l               |              |          | 1        |              |          |              |                 |
| $\vdash$        | 1        | 1        | =  | +        | ╁          | ╁          | ╁  | ╁               |                 | Н        |  | <u> </u> | 51       | ┢               | $\vdash$        | $\dashv$ | ┿       | ╁            | ╄        | Н                    | 7 mm       | 1        |          | 101        | ╀              | ┢               | ├-           | ⊢        | -        | ⊢            | L        | ⊢            | H               |
| 12              | 2        | i        |  | -        | ╁          | ╁╴         | ╁  | ╁╌              | $\vdash$        | -        | A Physical Property of the Party of the Part | <u> </u> | 52       | ┢               | $\vdash$        | $\dashv$ | ╅       | ╁            | +        | H                    |            | -        |          | 102        | ┝              | ┢               |              | -        | ├        | ⊢            | Н        | <u> </u>     | Н               |
| 3               | 3        | Ť        |  |          | 1-         | 十          | +  | $\vdash$        | <u> </u>        |          | 1  |          | 53       | ╀╌              | Н               | $\dashv$ |         | +            | +        | H                    |            | 1        |          | 103        | ┢              | ┢┈              | ⊢            | $\vdash$ | -        | $\vdash$     | Н        | ⊢            | $\vdash$        |
| u               | 4        | 17       | Ξ  |          | T          | †          | 1  | 1               | T               |          | 35.33  |          | 54       | T               | Н               | 7        | 十       | ╅            | +        | Н                    |            | -        | $\dashv$ | 104        | -              | ┤               | -            | ⊢        | $\vdash$ |              | Н        | <del> </del> | Н               |
| 56              | 5        | 1        | Ξ  |          |            |            |  |                 |                 |          |  |          | 55       | Г               | П               | 寸        | 十       | 十            |          | $\Box$               | -4         |          |          | 105        | T              | ┢               | ┢            | $\vdash$ | ┢        | Н            |          | $\vdash$     | Н               |
| 6               | 6        | 1        | =  |          |            |            |  |                 |                 |          |  |          | 56       |                 |                 | $\neg$   | Т       | 7            | $\top$   | $\Box$               |            |          |          | 106        |                | T               | $\vdash$     |          | ┢        |              | П        | 一            | Н               |
| 17              | 7        | 1        | =  | 1_       | L          | L          | L  |                 |                 |          |  |          | 57       |                 |                 |          | $\Box$  |              |          |                      |            | Tive St. |          | 107        |                | Г               |              |          |          | П            |          |              |                 |
| 8               | 8        | ١        | Ξ  | ┞_       | ┺          | ╙          | ╄  | ㄴ               | <u> </u>        |          |  |          | 58       | ot              | Ш               |          | $\perp$ | $\perp$      |          |                      |            |          |          | 108        |                |                 |              |          |          |              |          |              |                 |
| =               | -0       | ۲,       | =  | ╄-       | ╄          | ╄-         | ╄  | ╄               |                 |          | ñ  |          | 59       | $oxed{oxed}$    | Ш               | 4        |         | $\bot$       |          | Ц                    |            |          | _        | 109        | L              |                 |              |          |          |              |          |              |                 |
|                 | 10<br>11 | 7        | Ħ  | <u> </u> | ├-         | ┼-         | ╀  | -               | ⊢               | _        | H  |          | 60       | ⊢               | Н               | 4        | 4       | 4            | 1        | Н                    | _#         | L        | _        | 110        | L              |                 | L            |          | L        |              |          |              |                 |
| 9               | 12       | 7        |  | $\vdash$ | $\vdash$   | ┢          | +  | $\vdash$        | $\vdash$        | $\vdash$ | 撼  |          | 61<br>62 | -               | $\vdash \vdash$ | $\dashv$ | +       | +            | +        | ⊢                    | -          | -        | $\dashv$ | 111        | _              | $\sqcup$        | $\vdash$     | <u> </u> | <b> </b> |              | Ш        | <u> </u>     | Щ               |
| 170             | 13       | =        | Ξ  | ┢        | ╁          | ┼          | ╁  | ╁               |                 | Н        | M  |          | 63       | Н               | $\vdash \vdash$ | +        | +       | ╂            | +        | $\vdash$             |            | <u> </u> |          | 112        | <del> </del> _ |                 | -            | H        | <u> </u> | L            | Щ        |              | Ш               |
| 11              | 14       | =        | #  | $\vdash$ | +          | $\vdash$   | ╁╴   | +-              | H               | Н        |  |          | 64       | Н               | $\vdash \vdash$ | +        | - -     | ╫            | +        | ${oldsymbol{arphi}}$ | 1503       | 1        | $\dashv$ | 113<br>114 | -              | -               | <del> </del> | $\vdash$ | $\vdash$ | <del> </del> | Н        | -            | $\vdash \vdash$ |
| 12              | 15       | =        | $\dagger \dagger$                                | 1        | T          | T          | ✝  | $t^-$           | Н               | H        |  | _        | 65       | $\vdash$        | Н               | +        | +       | +            | H        | $\vdash \vdash$      |            | 1        |          | 115        | <del> </del>   | -               | $\vdash$     | $\vdash$ | -        | $\vdash$     | Н        | -            | $\vdash$        |
| 13              | 16       | Ξ        | $\Pi$  | 1        | T          | 1          | T  | T               | П               | Н        |  |          | 66       | Н               | $\vdash$        | +        | +       | +            | H        | $\vdash$             |            | -        | $\dashv$ | 116        | $\vdash$       | $\vdash$        | H            | -        | ⊢        | $\vdash$     | $\vdash$ | $\vdash$     | $\vdash$        |
| 14              | 17       | =        | П  |          | Г          | П          | T  |                 | П               |          |  |          | 67       | П               | $\Box$          | 7        | +       | +-           | $\vdash$ | $\vdash$             | $\dashv 1$ |          | 一        | 117        | ┢              |                 | H            |          | ┝        | Н            | $\vdash$ | Н            | Н               |
| 15              | 18       | =        | П  | L        |            |            |  |                 |                 |          |  |          | 68       |                 |                 | 寸        | $\top$  | T            | $\top$   | $\Box$               |            |          |          | 118        | $\vdash$       | _               |              |          | $\vdash$ | Н            | $\neg$   | Н            |                 |
| 16              | 19       | =        | $\coprod$  | L        |            |            |  |                 |                 |          |  |          | 69       |                 |                 |          | Т       | $\top$       |          |                      |            | 1        | 一        | 119        |                | П               |              |          | ┢        |              |          | П            | М               |
| 17              | 20       | =        | Щ.   | _        | L          | _          | _  | _               |                 |          | N  |          | 70       |                 |                 | $\perp$  | $\Box$  | $\mathbf{I}$ |          |                      | 12         |          |          | 120        |                |                 |              |          |          |              |          |              | П               |
| 18              | 21       | =        | #_   | <u> </u> | <b>!</b> _ | <u> </u>   | <del> </del> _                                   | L               | Щ               |          |  |          | 71       | Ш               | $\Box$          | $\perp$  | _       | L            |          |                      | 175        | Ĺ        |          | 121        |                |                 |              |          |          |              |          |              | П               |
| 19              | 22       | ᄩ        | #_   | ļ        | <u> </u>   | ├-         | ↓_   | L               | Ш               | Ц        |  |          | 72       | Ш               | _               | _        | 4       | 1            | $\perp$  | $\sqcup$             | _ #        | L        | $\Box$   | 122        |                |                 |              |          |          |              |          |              |                 |
| 20              | 23<br>24 | =        | V  | ┝        | H          | ╀          | ╀  | H               | Н               | -        | Ä  |          | 73       | Н               |                 |          | 4       | 4-           | Ш        | $\dashv$             |            | <u>.</u> | _        | 123        | L              | Ш               |              | Щ        |          | Ŀ            |          |              | Ш               |
| 22              | 25       | =        | =  | -        | ├          | $\vdash$   | ╁  | Н               | Н               | $\dashv$ |  |          | 74<br>75 | Н               |                 | -        | -       | +            | +        | $\vdash$             | -          | 1        | -        | 124        | L              |                 | Щ            | Ш        | ш        | Ш            | _        |              | Ш               |
| 1-              | 26       | ╒        | =  | ┝        | ⊢          | ┝          | ╁  | Н               | Н               | -        | 7,1  |          | 76       | Н               | -               | ╁        | +       | ╁            | Н        | $\dashv$             | -91        | -        |          | 125        | <b> </b>       | Н               | Н            | _        | -        |              | _        | Ш            | Н               |
|                 | 27       | ┢        | <del>                                     </del> | -        | ┢          | H          | H  | Н               | Н               | $\neg$   | 7,1<br>F   |          | 77       | Н               | $\dashv$        | +        | ╅       | ╁            | +        | $\dashv$             | - 3        | H        | $\dashv$ | 126<br>127 | $\vdash$       | Н               | -            |          |          |              | $\dashv$ | Н            | $\vdash$        |
|                 | 28       | Г        | Г  |          |            | Г          | 1  | M               | Н               | ヿ        |  |          | 78       | Н               | $\dashv$        | +        | +       | +            | $\vdash$ | $\vdash$             | -1         | -        | $\dashv$ | 128        | H              | Н               |              |          |          | Н            | $\dashv$ | $\vdash$     | $\dashv$        |
|                 | 29       |          |  |          |            |            |  |                 |                 | $\neg$   |  |          | 79       | П               | $\dashv$        | $\top$   | 1       | †            | $\vdash$ | $\dashv$             |            | r        | $\dashv$ | 129        | Н              | Н               |              |          | H        | -            | -        | $\dashv$     | Н               |
|                 | 30       |          |  |          |            |            |  |                 |                 |          |  |          | 80       |                 |                 | $\top$   | 1       | $\top$       | $\Box$   |                      |            |          | $\neg$   | 130        | П              |                 |              |          |          | Н            | _        |              | $\neg$          |
|                 | 31       | L_       |  |          | L          | L          | L  |                 |                 |          |  |          | 81       |                 |                 | $\Box$   | I       | Ι            |          |                      |            |          |          | 131        |                |                 | $\neg$       | $\neg$   |          |              |          |              | $\Box$          |
| $\vdash$        | 32       | L.       | <u> </u>   | _        |            | L          | ╙  | Ц               | $\Box$          | _        |  |          | 82       | Ш               |                 | $\perp$  |         |              |          |                      |            |          |          | 132        |                |                 |              |          |          |              |          |              | 丌               |
|                 | 33       | <u> </u> | _  | _        | _          | <b> </b> _ | ⊢  | Н               | $\dashv$        | _        |  | _        | 83       | Ц               | _               | 4        | 4       | 1.           | $\sqcup$ | _                    |            | L        | _        | 133        |                |                 |              |          |          |              |          |              |                 |
| $\vdash$        | 34<br>35 | ├-       | <del> </del>                                     | μ.       | -          | -          | ├  | $\vdash$        | $\vdash \vdash$ | 4        | 룘.   |          | 84       | $\vdash \vdash$ | -+              |          | +       | +            | $\vdash$ | _                    |            | _        |          | 134        | Ш              | Ш               | Ц            | _        |          | $\Box$       | _[       | $\Box$       |                 |
| ├─┤             | 36       | $\vdash$ | $\vdash$   | -        | -          | ┝          | $\vdash$   | $\vdash \vdash$ | $\vdash \vdash$ | -        | A.   | -        | 85<br>86 | $\vdash$        |                 | +        | +-      | +            | ╁┤       | $\dashv$             | 4775       | -        | $\dashv$ | 135        | Ш              | Щ               |              | _        | 4        | Ц            | _        | _            | $\perp$         |
| $\vdash$        | 37       | Н        | Н  | Н        | Н          | -          | <del>                                     </del> | $\vdash$        | $\vdash$        | $\dashv$ | Ĭ.   |          | 87       | $\vdash$        | -+              | ╁        | +       | +            | H        | +                    |            | -        | -        | 136<br>137 | $\vdash$       | $\vdash \dashv$ | -            | -        | 4        | $\dashv$     | 4        | 4            | $\dashv$        |
| $\Box$          | 38       | Т        | Н  | -        |            | Ė٣         |  | H               | $\dashv$        | 4        | 3  | $\dashv$ | 88       | $\vdash$        | $\dashv$        | +        | +       | +            | -        | +                    | - 50       | $\vdash$ |          | 138        | Н              | -               | $\dashv$     | $\dashv$ | $\dashv$ |              | -        |              | $\dashv$        |
|                 | 39       |          |  | П        | _          | Г          |  | H               |                 | $\neg$   |  |          | 89       | $\vdash$        | +               | +        | +       | +            | H        | $\dashv$             | -          | $\vdash$ | $\dashv$ | 139        | $\dashv$       |                 | $\dashv$     | ┪        | $\dashv$ | -            | -+       | ᅱ            | $\dashv$        |
|                 | 40       |          |  |          |            |            |  |                 |                 |          |  |          | 90       |                 | _               | 1        | +       | 1            | $\sqcap$ | $\dashv$             |            | $\vdash$ | -+       | 140        | $\dashv$       |                 | ᅱ            | -        | ᅱ        | $\dashv$     | -{       | $\dashv$     | $\dashv$        |
|                 | 41       |          |  |          |            |            |  |                 |                 |          |  |          | 91       |                 | _†              | 1        | _       | T            | $\sqcap$ |                      | 119        | Г        | $\dashv$ | 141        | $\dashv$       | $\dashv$        | ┪            | -1       |          | +            | 7        | $\dashv$     | $\dashv$        |
|                 | 42       |          | $\Box$   |          |            |            |  | Ц               |                 |          |  |          | 92       |                 | $\Box$          | I        | Ι       |              |          |                      |            |          |          | 142        | $\Box$         | $\neg$          | ┪            | _        |          | 寸            | ┪        | 7            | $\dashv$        |
| $\sqcup$        | 43       | Щ        | Ц  |          |            |            |  | Ш               |                 | _        |  |          | 93       |                 | $\Box$          | $\perp$  |         |              |          | $\perp$              |            |          |          | 143        |                |                 | コ            | ╗        |          | ╗            |          | 7            | ヿ               |
|                 | 44       |          | Ц  | _        | Ц          | Щ          | Ш  | $\sqcup$        | 4               | _[       |  |          | 8        | $\sqcup$        | 4               | _        | $\perp$ | 1            |          | $\perp$              | _#         | Ĺ        | $\Box$   | 144        |                |                 | I            |          |          | J            | $\Box$   | コ            | コ               |
| ┝─┤             | 45<br>46 | Щ        | Ц  | 4        | Н          | Н          | Н  | $\vdash \vdash$ |                 | 4        |  |          | 95       | $\sqcup$        |                 | $\bot$   | +       | ↓            | Н        | 4                    |            | L        |          | 145        | $\Box$         | $\Box$          | Ī            | $\Box$   | $\Box$   | $\Box$       |          | J            |                 |
| $\vdash \dashv$ | 46       | $\dashv$ |  | -        | 닉          | Н          | Н  | $\vdash \vdash$ | -               | -1       | 黨.   |          | 96       | -               | -+              | - -      | +       | +            | Н        | $\perp$              |            | L        | _        | 146        | _              | _[              | 4            | _[       | _        | $\bot$       | $\bot$   | $\Box$       |                 |
|                 | 48       | $\dashv$ | $\dashv$   | $\dashv$ | $\dashv$   | -          | Н  |                 | +               |          | 1  |          | 97<br>98 | $\dashv$        | +               | - -      | +       | +-           | ⊢        | +                    |            | <u> </u> |          | 147        | -              | 4               | $\dashv$     | $\dashv$ | _        | _            | 4        | ┙            | $\dashv$        |
| <del>   </del>  | 49       | $\dashv$ |  | $\dashv$ | $\dashv$   | $\dashv$   | H  | $\dashv$        | $\dashv$        |          |  | -        | 99       | $\dashv$        | ╅               | +        | ╁       | ╀            | ⊢        | +                    |            | $\vdash$ |          | 148<br>149 | 4              | -               | -            | -        | -        | -            |          | <b>-</b>     | 4               |
|                 | 50       | $\dashv$ | $\dashv$   | $\dashv$ | $\dashv$   |            | Н  | $\dashv$        | $\dashv$        | ٦        | ᅪ  |          | 100      | $\dashv$        | $\dashv$        | +        | +-      | +            | ╁┼       | +                    | 一躍         | -        | -        | 150        |                | $\dashv$        | $\dashv$     | $\dashv$ | +        | $\dashv$     | +        | 4            | $\dashv$        |
|                 |          | _        |  | _        |            |            |  |                 |                 |          | **   |          |          |                 | щ.              |          |         | 1            |          |                      | F#         |          | L        | . 20       | 1              | _ 1             | - 1          | - 1      | - 1      | - 1          |          | - 1          | - 1             |